

43319-43387

+ 44001 →

45528

Venezuela 1975

7530-222-3521

FEDERAL SUPPLY SERVICE

✓ indicates Parmelia
specimen in MERE that should
already be identified in US?

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~~43318~~ 43319 Parm. sorochila

43320

43321 Parm. erythrodes

43322 Parm. obscurella

43323 Parm. osteoleuca

43324 Parm. enderythraea

43325 Parm. cetratum

43326

43327

43328 Parm. enderythraea

43329 Parm. erythrodes

43330 Parm. meridensis

43331 Parm. microspora

43332 *Parm. osteoleuca*

43333

43334 *P. microspora*

43335 *Parm. obscurella*

43336 *Parm. osteoleuca*

43337 *Parm. stictica*

43338 *Parm. stictica*

43339 *Parm. sp*

43340 *Parm. enderythraea*

43341 *Parm. enderythraea*

43342 *Parm. obscurella*

43343 *Parm. osteoleuca*

43344 *Parm. mougeotii*

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43350 *Parm. bogotensis*

43351 *x. cumberlandia*

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43355 *Parm. reticulatum*

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43357 *Parm. flaventior*

43358 *Parm. imbricatula*

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43361 *Parm. rudecta*

43362 *Parm. stictica*

43363 *Parm. caperata*

43364 *Parm. subsumptum*

43365 *Parm. sp.*

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43368 *Heterodermia boryi*

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43386 *Parm. abstrusa*

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44001 *Hypotrachina*

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44003 *Heterodermia corallophora*

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44006 *Heterodermia corallophora*

44007

44008

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44010 *Heterodermia cf. corallophora*

44011 *Hypotrachina dactylota*

44012 *Hypotrachina perita*

44013 *Heterodermia corallophora*

44014

44001 *Hypotr. chlorina*

44002

44003 *Heterodermia corallophora*

44004

44005

44006 *Heterodermia corallophora*

44007

44008

44009

44010 *Heterodermia cf. corallophora*

44011 *Hypotr. dactylifera*

44012 *Hypotr. partita*

44013 *Heterodermia corallophora*

44014

44015

44016 *Hypotr. dactylifera*

44017 *Heterodermia casarettiiana*

44018

44019

44020 *Hypotr. costaricensis*

44021 *Heterodermia corallophora*

44022 *Hypotr. isidiocera*

44023

44024 *Hypotr. bogotensis*

44025 *Parm. subisidiosum*

44026 *Heterodermia flabellata*

✓ 44027

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✓ 44036

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44078 *Ocellularia perforata* 77

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44081 *Pseudoparmelia caroliniana*

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44090 *Cladonia miniata* '77

44091

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44095 *Parmotre mellissii*

44096

44097

⁷⁶44098 *Hypotrachyna neodissecta*

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44123

44124 *Ocellularia perforata* 75

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44131 *Ocellularia perforata* 77

44132

44133

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44136

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44138 *Ocellularia lopezii* 77

44139

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44141

44142

44143

44144

44145 *Ocellularia perforata* 77

44146

44147

✓ 44148

44149 *Ocellularia* ^{diff in MRE} *cavata* 77

44150

44151

44152 *Ocellularia perforata* 77

44153

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44156 *Hypotr. physcioides*

44157

44158 *Parmotr. tinctorum*

44159 *Hypotr. rockii*

44160

44161 *Parmotrema latissimum*

✓ 44162

44163

44164 *Hypotr. physcioides*

44165 *Hypotr. protenta*

44166 *Hypotr. physcioides*

44167 *Hypotr. microblasta*

44168 *Parmotr. subindecisum*

✓ 44169

44170 *Parmot. subsumptum*

44171 *Parmot. reticulatum*

44172

44173 *Hypoth. neodissecta*

44174 *Hypoth. costaricensis*

44175 *Hypoth. umbicallata*

44176 *Parmot. conformatum*

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44179 *Heterodermia flabellata*

44180 *Hypoth. neodissecta*

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44189 *Hypotr. protenta*

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44193 *Hypotr. microblasta*

44194

44195 *Parm. reticulata*

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44197 *Parmot. reticulatum*

44198

44199 *Hypotr. microblasta*

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44206 *Hypotr rockii*

44207 *Hypotr microblasta*

44208 *Parmotr. blanchetianum*

44209 *Parmotr. conformatum*

44210

44211 *Heterodermia casarettiana*

44212

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44216 *Parmoh. subisidiosis*

44217 *Parmoh. reticulatissima*

44218 *Parmoh. blanchetianum*

44219 *Heterodermia boryi*

44220

44221 *Parmoh. conformata*

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44223

44224 *Hypotr. physcioides*

44225 *Pseudoparmelia caroliniana*

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44227 *Hypotr. protenta*

44228 *Hypotr. protenta*

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44254 *Hypotr. bogotensis*

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44258 *Hypotr. bogotensis*

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44260 *Hypotrachyna partita*

✓ 44261

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44271 *Hypotr. erythrodes*

44272 *Hypotr. bogotensis*

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44274 *Parmot. fractum*

44275 *Hypotr. gies*

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44280 *Parmot. robustum*

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44284 *Hypotr. gigas*

44285 *Hypotr. gigas*

44286 *Hypotr. costaricensis*

44287 *Parmot. citratum*

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44291

✓ 44292

44293 *Parmot. mellissii*

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44302 *Parmotrema cetratum*
76

44303 *Hypotr. pseudosinensis*

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44310 *Hypotr. bogotensis*

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44312 *Hypotr. ensifolia*

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44315 *Hypotr. dactylifera*

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44322 *Hypotr. lopezii*

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44326

✓ 44327

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44331 ⁷⁶ *Hypotrachyna partita*

44332

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44334 *Hypotrachyna gigas*

✓ 44335

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✓ 44340

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44343 *Hypotr. gigas*

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44348 *Parmotr. mellissii*

44349 *Parmotr. reticulatum*

44350

- 44351 *Parmot. fractum*
- 44352 *Cladonia ceratophylla* ??
- 44353 *Parmot. robustum*
- 44354
- 44355
- 44356 *Hypotr. physodactyla*
- 44357
- 44358
- 44359 *Hypotr. bogotensis*
- ✓ 44360
- 44361 *Parmot. mellissii*
- 44362
- 44363
- 44364

44365

✓ 44366

44367 *Parmot. robustum*

44368

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44370 *Hypotr. erythrodes*

44371 *Hypotr. andensis*

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44380 *Hypotr. formosana*

44381 *Hypotr. erythrodes*

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44385 *Parmotr. crinitum*

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44395 *Hypotr. bogotensis*

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44398 *Hypotrachyna prolongata*
76

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✓ 44401

44402

44403 *Hypotr. lopesii*

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⁷⁶44412 *Hypotr. monilifera*

44413 *Cladonia miniata*

77

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⁷⁶44417 *Xanthoparmelia mongestii*

⁷⁶44418 " " "

✓ 44419

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⁷⁶44422 *Parmelia stictica*

⁷⁶44423 *Hypotrachyna andersonii*

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⁷⁶44425 *Xanthoparmelia microspora*

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44428 *Hypotrachyna laurigata*

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44431 *Hypotrachyna rockii*

44432 *Parmotrema citratum*

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44435 *Hypotr. enderbythrales*

44436 *Xanthoparmelia microspora*

44437

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✓ 44440

✓ 44441

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44443 *Hypotr. caraccensis*

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44445 *Hypotr. physcioides*

44446 *Cladonia dactylota* →

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44448 *Hypotr. lopezii*

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44450 *Heterodermia cf japonica*

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44456 *Hypoh. ensifolia*

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44459 *Hypoh. enderythraea*

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44461 *Hypoh. physcioides*

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Hypoch. densicarinata

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✓ 44475

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44482 *Hypotr. sinuosa*

44483 *Hypotr. erythrodes*

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44487 *Hypotr. gigas*

44488 *Hypotr. gigas*

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44492 *Hypoth. laevigata*

44493

44494 *Hypoth. sinuosa*

✓44495

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44497 *Hypoth. bogotensis*

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44505 *Heterodermia obscurata*

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44508. *Hypotrachyna imbricatula*
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✓ 44513

44514

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44517 *Hypotrachyna sinuosa*

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44524 *Hypotr. imbricatula*

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44529 *Hypotr. pulvinata*

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44533 *Hypotr. andensis*

44534 *Hypotr. densirhynata*
76

✓ 44535

44536

✓ 44537

44538 *Hypotr. caraccensis*

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44543 *Hypotr. imbricatala*

44544 *Hypotr. portita*
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44547 *Hypotr. bogotensis*

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44551 *Hypotr. sinuosa*

44552 *Hypotr. laevigata*

44553

✓ 44554

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44556

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44558

✓ 44559

44560 *Hypotr. imbricatula*

✓ 44561

44562

44563 *Heterodermia boryi*

⁷⁶44564 *Hypotr. densirhizinata.*

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44573 *Hypotr. physodactyla*

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44576 *Hypotr. physodactyla*

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44582 *Parmoti. cetratum*

⁷⁶44583 *Hypotr. pulvinata*

44584

✓44585

⁷⁶44586 *Parmelia stictica*

44587

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⁷⁶44589 *Hypotrachyna carascensis*

⁷⁶44590 *Parmelina swinscowii*

44591

✓ 44592

⁷⁶44593 *Hypotrachyna chicitae*

⁷⁶44594 *Parmelina swinscowii*

44595

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44597

✓ 44598

44599

✓ 44600

44601 *Hypotr. sinuosa*

44602

✓ 44603

✓ 44604

✓ 44605

44606

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44608

44609 *Parm. panniformis*

44610 *Parm. panniformis*

44611

44612

44613 *Xanthoparmelia mougeotii*
76

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44622 *Hypotr. sinuosa*

44623 *Parmelia ximsumii*

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44627 *Hypotr. physodalea*

44628

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44630 *Xanthoparmelia microspora*

44631 *Hypotr. andersonia*

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44637

✓44638

⁷⁶44639 *Parmelina swinscowii*

✓44640

44641

44642

44643 *Peltigera rufescens* (Weiss)
Humb.

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44645 *Hypotrachyna bogotensis*
76

✓ 44646

✓ 44647

✓ 44648

44649

44650

44651 *Hypotrachyna chicitae*
76

✓ 44652

✓ 44653

44654 *Heterodermia japonica*

44655 *Parmot. reticulatum*

44656 *Parmelia stictica*
76

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44658 *Xanthoparmelia microspera*
76

44659 *Hypotr. enderythraea*

⁷⁶ 44660 *Xanthoparmelia microspora*

44661

✓ 44662

⁷⁶ 44663 *Xanthoparmelia microspora*

44664

44665

⁷⁶ 44666 *Xanthoparmelia microspora*

44667

44668 *Parmot. reticulatum*

44669

✓ 44670

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44677 *Parmot. reticulatum*

✓ 44678

✓ 44679

44680

44681 *Parmelia subrudecta*

✓ 44682

44683

44684 *Hypotr. bogotensis*

✓ 44685

44686

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44688 *Hypotr. ensifolia*

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Hypotr. gigas

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45011

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Hypotr. laevigata

45014 *Hypotr. andensis*

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45019 *Hypotr. intricatula*

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45023 *Hypotr. gigas*

45024

45025 *Hypotr. sinuosa*

45026 *Hypotr. bogotensis*

45027

45028 *Hypotr. laevigata*

✓ 45029 *Evermannia paramense*

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45037 *Heterodermia borjé*

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45041 *Peltigera pulverulenta* (Tayl) Kryp.

45042 *Heterodermia obscurata*

45043 *Hypoh. costaricensis*

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45046 *Hypoh. sinuosa*

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45048 *Hypoh. costaricensis*

45049 *Hypoh. bogotensis*

45050

45051 *Hypoh. imbricatula*

45052

45053 *Hypotr. imbricatula*

45054 *Hypotr. laevigata*

45055 *Hypotr. physcioides*

45056 *Hypotr. sinuosa*

45057

45058 *Everniastium paramense*

45059 *Hypotr. bogotensis*

✓ 45060

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45066 *Hypotr. laevigata*

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Hypotr. andensis

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Parmotr. robustum

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Parmotrema delicatulum

45081 *Parmot. delicatulum*

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45083 *Hypotr. microblasti*

45084 *Parmot. citratum*

45085

45086 *Parmot. ultralucens*

45087 *Hypotr. protenta*

45088 *Parmotrema stuppeum*
76

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45093 *Parmot. robustum*

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45097 *Heterodermia cf. lutescens*

45098 *Parmot. citratum*

45099 *Parmot. reitzii*

45100

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45103 *Hypotr. rockii*

45104 *Parmot. subsumptum*

45105 *Hypotr. umbicatum*

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45112 *Hypotr. phaeoides*

45113

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45115

45116 *Hypotr. erythrodes*

45117 *Hypotr. protenta*

✓ 45118

45119 *Parmotr. subsumptum*

45120

45121

✓ 45122

✓ 45123

✓ 45124

45125 *Hypotr. andrythraea*

45126 *Parm. cetratum*

45127

45128

45129 *Pseudoparmelia texana*

45130 *Hypotr. immaculata*

45131 *Hypotrachyna protenta*

45132

45133

45134 *Parmotr. robustum*

45135

45136

45137

✓ 45138

45139

45140 *Heterodermia obscurata*

45141 *Parmoti. subsumptum*

✓ 45142

45143 *Hypoth. osteoleuca*

45144 *Hypoth. enderythraea*

45145 *Hypoth. microblasti*

45146 *Hypoth. physcioides*

45147 *Parmoti. cetratum*

45148 *Hypoth. formosana*

✓ 45149

45150 *Hypoth. erythrodes*

45151 *Heterodermia flabellata*

45152

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45155 *Parmotri subsumptum*

45156

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45159 *Parmotri tinctorum*

45160

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45163 *Heterodermia corallophora*

✓ 45164

45165 *Parm. subsumptum*

45166 *Parm. subsidarium*

45167 *Hypotrachyna flavida*
71

45168

45169

✓ 45170

45171

45172 *Heterodermia speciosa*

45173 *Hypotr. costaricensis*

45174

45175 *Parm. subsidarium*

✓ 45176

45177 *Hypotr. immaculata*
76

45178

✓ 45179

45180

45181

45182 *Parmot. subisiduosum*

45183 *Hypotr. physaroides*

45184

✓ 45185

45186

45187

45188

45189

45190 *Parmot. subisiduosum*

✓ 45191

45192 *Hypotr. costaricensis*

45193 *Hypotr. costaricensis*

45194

45195

45196

45197 *Hypotr. erythrodes*

45198 *Parmot. robustum*

✓ 45199

45200 *Parmot. subisidiosum*

✓ 45201

45202

45203 *Hypotr. monilifera*

45204

45205

45206

45207

45208

✓ 45209

45210

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45212

45213 *Parmot. reticulatum*

45214 *Hypotr. dactylifera*

45215

✓ 45216

45217 *Hypotr. andensis*
76

45218

45219 *Hypotr. pulvinata*

45220 *Hypotr. cf. pulvinata*
76

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45226 *Ocellularia perforata* 27

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45231 *Parmot. subulicolum*

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45245 *Ocellularia perforata* 77

45246 *Hypotr. monilifera*

45247

45248

45249 ⁷⁶ *Hypotr. pulvinata*

45250

45251 ⁷⁶ *Parmelia subrudecta*

45252 ⁷⁶ *Hypotrachyna cf. caraccensis*

45253

45254

✓ 45255

45256

45257

45258 *Parmotr. robustum*

45259

45260

45261

45262

✓ 45263

45264

45265

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45270 *Hypotr. pulvinata*

45271

45272

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45274

45275 *Parmelia subrudecta*

¹⁶

45276

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45278

Hypotr. costaricensis

45279

✓ 45280

45281

45282

45283

✓ 45284

45285

Hypotr. gigas

45286

45287

45288

✗ 45289

Parmelia subindeck

45290

45291 *Ocellularia perforata* ??

45292 *Hypotr. simplicatula*

45293 *Ocellularia perforata* ??

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45306

45307 *Porina macula* Ach.
det. Harris

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45315

45316 *Hypotr. microblesta*

45317 *Parmentaria chilensis* Fée
det. Harris

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45319

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45322 *Hypotr. imbricatula*

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45329 *Hypotr. costaricensis*

45330

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45332

45333

45334

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45336

45337

45338 *Heterodermia leucomela*

45339 *Heterodermia leucomela*

45340

45341

45342 *Heterodermia leucomela*

45343

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45345

45346 *Hypoh. chlorina*

45347

45348

45349

45350

✓ 45351

45352

45353 *Parmoti. reticulatum*

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45378 *Parmelia robustum*

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45393

✓ 45394

45395

Hypotr. costaricensis

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✓ 45397

45398

45399

Hypotr. ensifolia

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45401

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45404 *Heterodermia corallophora*

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45429 *Cladonia dactylo* 77

45430 *Hypotr. imbricatula*

45431 *Heterodermia galactophylla*

45432

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45434

45435

45436

✓ 45437

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45443 *Cladonia ceratophylla* 77

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45466 *Hypotr. monilifera*

45467 *Hypotr. laevigata*

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45472 *Hypotr. physcioides*

45473 *Cladonia miniata* 77

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45477 *Hypotr. laevigata*

45478

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45480 *Hypotr. formosana*
76

45481

45482 *Hypotr. monilifera*

45483 *Hypotr. costaricensis*
76

45484

45485 *Hypotrachyna obscurella*
76

45486 *Hypotr. monilifera*

45487

Hypotr. bogotensis

45488

45489

45490

Hypotrachyna flavida

45491

Hypotr. formosana

✓45492

45493

Hypotrachyna cf. flavida

45494

Hypotrachyna physcioides

45495

Hypotrachyna flavida

45496

45497

45498

45499

45500

Hypotr. physcioides

45501 *Parm. peralbidum*

✓ 45502

45503 *Hypotrachyna cf. flauca*
76

45504

45505

45506

45507 *Hypotr. physcivida*

45508

45509

45510

45511

45512 *Hypotr. pseudosinosa*
76

45513

✓ 45514

45515

45516

₇₆

Hypotrachyna flavida

✓ 45517

✓ 45518

45519

Hypotr. physcioides

✓ 45520

45521

₇₆

Hypotrachyna flavida

✓ 45522

45523

✓ 45524

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Hypotr. physcioides

45527

Hypotr. physcioides

45528

45215

45216 *Hippocampus hippocampus*

45217

45218

45219 *Hippocampus hippocampus*

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45221 *Hippocampus hippocampus*

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45226 *Hippocampus hippocampus*

45227 *Hippocampus hippocampus*

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